# AMERICAN

# CHEMICAL JOURNAL

EDITED BY

IRA REMSEN

PROFESSOR OF CHEMISTRY IN THE JOHNS HOPKINS UNIVERSITY

VOL. XXVII.—JANUARY–JUNE, 1902.

BALTIMORE: THE EDITOR.

THE CHEMICAL PUBLISHING CO., PRINTERS,
EASTON, PA.

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$C_{10}H_9O_3N_3$. 1-Phenyl-2-hydro-3-oxyacetylurazole. *S. F. Acree*..... 132
$C_{10}H_{11}O_3N_3$. 1-Phenyl-2-hydro-3-ethoxyurazole. *S. F. Acree*..... 131
$C_{10}H_{13}O_2N_3$. *aa*-Carbethoxyphenylsemicarbazide. *H. L. Wheeler* and *A. P. Beardsley*..... 269
$C_{10}H_{17}O_3N$. *i*-β-Camphoramidic acid. *W. A. Noyes* and *A. M. Patterson*..... 432
$C_{10}H_9O_4K$. Potassium ethyl phthalate. *J. H. Kastle*..... 483
Action of lipase on.

### 10 IV.

$C_{10}H_{13}ONCl$. Chloracet-*unsym.*-metaxylide. *M. Kuhara* and *M. Chikashigé*.... 12
$C_{10}H_{11}ONS_2$. Ethyl benzoyldithiocarbamate. *H. L. Wheeler* and *A. P. Beardsley*..... 264
$C_{10}H_{11}ONS_2$. Benzoylimidodithiomethyl carbonate. *H. L. Wheeler* and *T. B. Johnson*..... 265
$C_{10}H_{12}ON_2S$. *Sym.*-acetylphenylpseudomethylthiourea. *H. L. Wheeler*..... 278
Also the hydroiodide.
$C_{10}H_{12}ON_2S$. *Unsym.*-acetylphenylpseudomethylthiourea. *H. L. Wheeler*..... 276
Also hydrochloride and hydroiodide.
$C_{10}H_{16}O_4Br_4Al_2$. Acetylacetone and aluminium bromide. *E. P. Kohler*..... 255

## $C_{11}$-GROUP.

$C_{11}H_{12}O_4$. Benzylidene diacetate. *P. C. Freer* and *F. G. Novy*..... 163

### 11 III.

$C_{11}H_{10}O_8N_2$. Aniline nitropyromucate. *H. B. Hill* and *G. R. White*..... 201
$C_{11}H_{11}O_2N$. Tolylsuccinimide. *H. B. Hill* and *G. R. White*..... 204

### 11 IV.

$C_{11}H_{14}ONCl$. Chloracetpseudocumidide. *M. Kuhara and M. Chikashigé*..... 13
$C_{11}H_{13}ONS_2$. *n*-Propylbenzoyldithiocarbamate. *H. L. Wheeler* and *A. P. Beardsley*..... 267
$C_{11}H_{13}O_7NS$. Diethyl *p*-nitrosulphobenzoate. *J. H. Kastle*..... 483
Action of lipase on.

## $C_{12}$-GROUP.

$C_{12}H_{10}O_4$. Quinhydrone. *P. C. Freer* and *F. G. Novy*..... 180
$C_{12}H_{14}O_4$. Diethyl phthalate. *J. H. Kastle*..... 482
Action of lipase on.
$C_{12}H_{24}O_2$. Lauric acid. *C. E. Caspari*..... 291

### 12 III.

$C_{12}H_{10}ON_2$. Azoxybenzene. *P. C. Freer* and *F. G. Novy*..... 179
$C_{12}H_{23}ON$. Amide of lauric acid. *C. E. Caspari*..... 305
$C_{12}H_{23}OCl$. Chloride of lauric acid. *C. E. Caspari*..... 305
$C_{12}H_4O_2Br_4$. From tribromphenolbromide by action of sunlight. *J. H. Kastle* and *A. S. Loevenhart*..... 35
$C_{12}H_4O_3Br_4$. Hexabromphenoquinone. *J. H. Kastle* and *A. S. Loevenhart*..... 33

### 12 IV.

$C_{12}H_{13}O_2NS_2$. Benzoyldithiocarbamicethylacetate. *H. L. Wheeler* and *A. P. Beardsley*..... 263
$C_{12}H_{15}O_4NS$. Benzoylimidomonothioethylcarbonate. *H. L. Wheeler* and *A. P. Beardsley*..... 268
$C_{12}H_7O_3SBr_3$. Tribromphenyl benzenesulphonate. *J. H. Kastle* and *R. Speyer* 40

## $C_{13}$-GROUP.

$C_{13}H_{17}O_6N_3$. Dicarbethoxyphenylsemicarbazide. *S. F. Acree* ..... 127

## 13 IV.

$C_{13}H_{16}O_2Br_6Al_2$. Diacetylmesitylene and aluminium bromide. *E. P. Kohler* .. 251

## 13 V.

$C_{13}H_{14}O_2Cl_2Br_4Al_2$. Dichloracetylmesitylene and aluminium bromide. *E. P. Kohler*..... 252

## $C_{14}$-GROUP.

$C_{14}H_{10}O_4$. Benzoyl peroxide. *P. C. Freer* and *F. G. Novy*..... 178

## 14 III.

$C_{14}H_{12}O_2N_4$. Diphenylurazine. *S. F. Acree*..... 133
$C_{14}H_{11}N_3S$. 1,3-Diphenyl-5-mercaptotriazole. *H. L. Wheeler* and *A. P. Beardsley*..... 268
$C_{14}H_{11}N_3S$. 1,5-Diphenyl-3-mercaptotriazole. *H. L. Wheeler* and *A. P. Beardsley*..... 263

## 14 IV.

$C_{14}H_{13}ON_3S$. Benzoylphenylthiosemicarbazide. *H. L. Wheeler* and *A. P. Beardsley*..... 264
$C_{14}H_{11}O_2N_4Ag$. Silver salt of diphenylurazine. *S. F. Acree*..... 134
$C_{14}H_{16}O_2Cl_4Al_2$. Anisol and aluminium chloride. *E. P. Kohler*..... 250
$C_{14}H_8O_2Br_4Al_2$. Anthraquinone and aluminium bromide. *E. P. Kohler* ..... 253
$C_{14}H_{16}O_2Br_6Al_2$. Anisol and aluminium bromide. *E. P. Kohler*..... 249

## $C_{15}$-GROUP.

$C_{15}H_{14}O_2N_2$. Benzoylparatolylurea. *H. L. Wheeler* and *T. B. Johnson*..... 219
$C_{15}H_{14}O_2N_2$. Benzoylbenzylurea. *H. L. Wheeler* and *T. B. Johnson* ..... 219
$C_{15}H_{13}N_3S$. 1,5-Diphenyl-3-methylmercaptotriazole. *H. L. Wheeler* and *A. P. Beardsley*..... 265
$C_{15}H_{13}N_3S$. 1-Paratolyl-5-phenyl-3-mercaptotriazole. *H. L. Wheeler* and *A. P. Beardsley*..... 267

## 15-IV.

$C_{15}H_{11}ON_2S$. a'-Benzoylimido-β'-phenylthiobiazoline. *H. L. Wheeler* and *A. P. Beardsley*..... 269
$C_{15}H_{13}ONS_2$. Benzyl benzoyldithiocarbamate. *H. L. Wheeler* and *A. P. Beardsley*..... 263
$C_{15}H_{14}ON_2S$. *Sym.*-benzoylphenylpseudomethylthiourea. *H. L. Wheeler* ..... 270
$C_{15}H_{14}ON_2S$. *Unsym.*-benzoylphenylpseudomethylthiourea. *H. L. Wheeler* ... 278

## $C_{16}$-GROUP.

$C_{16}H_{13}ON_3$. Substance formed by the action of aniline on nitropyromucic acid. *H. B. Hill* and *G. R. White*..... 195
$C_{16}H_{17}O_2N_3$. 1,5-Diphenyl-3-ethoxytriazole. *H. L. Wheeler* and *A. P. Beardsley* 268
$C_{16}H_{17}O_2N_3$. Benzoylpseudoethylphenylsemicarbazide. *H. L. Wheeler* and *A. P. Beardsley*..... 268
$C_{16}H_{15}N_3S$. 1,5-Diphenyl-3-ethylmercaptotriazole. *H. L. Wheeler* and *A. P. Beardsley*..... 266

### 16 IV.

$C_{16}H_{18}O_4N_4Ba$. Barium salt of phenylurazole. *S. F. Acree*..... 138
$C_{16}H_8O_4Cl_{10}Al_2$. Terephthalyl chloride and aluminium chloride. *E. P. Kohler* 256
$C_{16}H_{14}O_2Br_8Al_2$. Acetophenone and aluminium bromide. *E. P. Kohler*..... 250

### $C_{17}$-GROUP.

$C_{17}H_{18}ON_2$. Substance formed by the action of aniline on nitropyromucic acid. *H. B. Hill* and *G. R. White*..... 195
$C_{17}H_{18}O_2N_2$. Benzoylpseudoethylbenzylurea. *H. L. Wheeler* and *T. B. Johnson* 219
$C_{17}H_{18}O_2N_2$. Benzoylpseudoethylparatolylurea. *H. L. Wheeler* and *T. B. Johnson* ..... 219

### $C_{18}$-GROUP.

$C_{18}H_{34}O_2$. Oleic acid. *C. E. Caspari*..... 302

### 18 III.

$C_{18}H_{14}O_2N_2$. Dimethylindigos. *M. Kuhara* and *M. Chikashigé* ..... 7
$C_{18}H_{17}ON_3$. Substance formed by the action of toluidine on nitropyromucic acid. *H. B. Hill* and *G. R. White*..... 204
$C_{18}H_{18}O_2N_2$. Ditolyldiketopiperazine. *M. Kuhara* and *M. Chikashigé* ..... 8
$C_{18}H_{29}ON$. Anilide of lauric acid. *C. E. Caspari*..... 306
$C_{18}H_{18}N_3P$. Substance formed from aniline and phosphorus pentachloride. *J. E. Gülpin*..... 446

### 18 IV.

$C_{18}H_{17}O_2N_2S$. 1,5-Diphenyl-3-ethylacetatemercaptotriazole. *H. L. Wheeler* and *A. P. Beardsley*..... 266
$C_{18}H_{18}O_{10}S_2Ba$. Barium ethyl *p*-sulphobenzoate. *J. H. Kastle*..... 483
Action of lipase on.

### 18 V.

$C_{18}H_{16}O_{14}N_2S_2Ba$. Barium ethyl *p*-nitrosulphobenzoate. *J. H. Kastle* ..... 483
Action of lipase on.

### $C_{19}$-GROUP.

$C_{19}H_{17}O_2N_3$. Substance formed by the action of toluidine on nitropyromucic acid. *H. B. Hill* and *G. R. White*..... 205
$C_{19}H_{21}ON$. *o*-Toluide of lauric acid. *C. E. Caspari*..... 307

### $C_{20}$-GROUP.

$C_{20}H_{18}O_2N_2$. Tetramethylindigo. *M. Kuhara* and *M. Chikashigé* ..... 12
$C_{20}H_{22}O_2N_2$. Di-*unsym.*-metaxylyldiketopiperazine. *M. Kuhara* and *M. Chikashigé* ..... 13
$C_{20}H_{18}O_8Ba$. Barium ethyl phthalate. *J. H. Kastle*..... 483
Action of lipase on.

### $C_{21}$-GROUP.

$C_{21}H_{17}N_3S$. 1,5-Diphenyl-3-benzylmercaptotriazole. *H. L. Wheeler* and *A. P. Beardsley* ..... 266

### 21 IV.

$C_{21}H_{15}ON_3S$. 1,5-Diphenyl-3-mercaptotriazole. *H. L. Wheeler* and *A. P. Beardsley* ..... 265
$C_{21}H_{19}ON_3S$. *Sym.*-benzoylphenylpseudobenzylthiourea. *H. L. Wheeler*..... 280
$C_{21}H_{19}ON_3S$. *Unsym.*-benzoylphenylpseudobenzylthiourea. *H. L. Wheeler* ... 279

## $C_{22}$-GROUP.

$C_{22}H_{28}O_2N_2$. Hexamethylindigo. *M. Kuhara* and *M. Chikashigé* ... 18
$C_{22}H_{28}O_2N_2$. Dipseudocumyldiketopiperazine. *M. Kuhara* and *M. Chikashigé* 13

## 22 IV.

$C_{22}H_{22}O_2Br_6Al_2$. Acetylmesitylene and aluminium bromide. *E. P. Kohler* .... 251

## 22 V.

$C_{22}H_{26}O_2Cl_2Br_6Al_2$. Chloracetylmesitylene and aluminium bromide. *E. P. Kohler* ... 252

## $C_{24}$-GROUP.

$C_{24}H_{46}O_4Ba$. Barium laurate. *C. E. Caspari* ... 307
$C_{24}H_{46}O_4Cu$. Copper laurate. *C. E. Caspari* ... 309
$C_{24}H_{46}O_4Pb$. Lead laurate. *C. E. Caspari* ... 310
$C_{24}H_{46}O_4Mn$. Manganese laurate. *C. E. Caspari* ... 310
$C_{24}H_{46}O_4Zn$. Zinc laurate. *C. E. Caspari* ... 309
$C_{24}H_{46}O_4Ca$. Calcium laurate. *C. E. Caspari* ... 308
$C_{24}H_{46}O_4Co$. Cobalt laurate. *C. E. Caspari* ... 310
$C_{24}H_{46}O_4Sr$. Strontium laurate. *C. E. Caspari* ... 307

## 24 IV.

$C_{24}H_{30}O_2Cl_6Al_2$. Phenyl ether and aluminium chloride. *E. P. Kohler* ... 249
$C_{24}H_{30}O_2Br_6Al_2$. Phenyl ether and aluminium bromide. *E. P. Kohler* ... 248
$C_{24}H_{34}N_4ClP$. Chlorphostetranilide. *J. E. Gilpin* ... 444

## $C_{26}$-GROUP.

$C_{26}H_{16}O_4Br_6Al_2$. Xanthone and aluminium bromide. *E. P. Kohler* ... 253
$C_{26}H_{30}O_2Br_6Al_2$. Methylenephenylene ether and aluminium bromide. *E. P. Kohler* ... 250

## $C_{28}$-GROUP.

$C_{28}H_{20}N_4S$. 1,3-Diphenyltriazole-3-monosulphide. *H. L. Wheeler* and *A. P. Beardsley* ... 264
$C_{28}H_{20}N_4S_2$. 1,3-Diphenyltriazole-3-disulphide. *H. L. Wheeler* and *A. P. Beardsley* ... 265

## $C_{32}$-GROUP.

$C_{32}H_{28}O_4N_2S_4$. Di(benzoylimidodithiobenzyl)ethylene ester. *H. L. Wheeler* and *A. P. Beardsley* ... 267

## $C_{34}$-GROUP.

$C_{34}H_{22}O_2Br_6Al_2$. Dibenzalacetone and aluminium bromide. *E. P. Kohler* ... 253

## $C_{36}$-GROUP.

$C_{36}H_{70}O_4Mg$. Acid magnesium laurate. *C. E. Caspari* ... 308

## $C_{42}$-GROUP.

$C_{42}H_{42}N_7ClP_2$. Substance formed from aniline and phosphorus pentachloride. *J. E. Gilpin* ... 448